

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An optical connector device, comprising:

a ~~sheet-like~~ an optical waveguide layer;

a surface-emitting semiconductor laser having a function capable of selecting beam light propagation or diffused light propagation to change ~~changing~~ a radiation angle of a light;

an optical path changing structure for changing an optical path of the light from the semiconductor laser; and

light-receiving elements for receiving the light from the semiconductor laser through the ~~sheet-like~~ optical waveguide layer.

2. (Canceled)

3. (Currently Amended) An optical connector device according to claim 1, ~~comprising~~ wherein the optical path changing structure is disposed within the ~~sheet-like~~ optical waveguide layer.

4. (Canceled)

5. (Currently Amended) An optical connector device according to claim 4, ~~comprising:~~ wherein a the surface-emitting laser is formed with a current blocking layer in a vicinity of an active layer.

6. (Canceled)

7. (Previously Presented) An optical and electrical wiring combined substrate, comprising:

the optical connector device according to claim 1 formed so as to obtain electrical connection with an electrical circuit board,

wherein a part of or whole signals from the electrical circuit board are transmitted by optical wirings as transmission of optical signals using the optical connector device.